

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L8    | 9    | ((STEPHANE) near2 (CHEVALLIER)).INV.   | US-PGPUB;<br>USPAT; USOCR   | AND              | ON      | 2009/10/28<br>09:55 |
| L9    | 5    | ((STEPHANE) near2 (CHEVALLIER)).INV.   | EPO; JPO;<br>DERWENT  | AND              | ON      | 2009/10/28<br>09:55 |
| L10   | 1540 | (604/192).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/10/28<br>09:55 |
| L13   | 1396 | (604/198).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/10/28<br>09:55 |
| L26   | 300  | (US-20070207669-\$ or<br>US-20040186438-\$ or<br>US-20050054986-\$ or<br>US-20050148943-\$ or<br>US-20070088287-\$ or<br>US-20070265566-\$ or<br>US-20020065534-\$ or<br>US-20030022550-\$ or<br>US-20030069575-\$ or<br>US-20040087984-\$ or<br>US-20040176785-\$ or<br>US-20050027344-\$ or<br>US-20060084843-\$ or<br>US-20080269565-\$ or<br>US-20060224122-\$ or<br>US-20030042186-\$ or<br>US-20070196068-\$ or<br>US-20020029994-\$ or<br>US-20020193746-\$ or<br>US-20040044318-\$ or<br>US-20040092884-\$ or<br>US-20040111145-\$ or<br>US-20040249278-\$ or<br>US-20050043688-\$ or<br>US-20050124933-\$ or<br>US-20060184137-\$).<br>did. or (US-<br>20060195062-\$ or US-<br>20070078428-\$ or US- | US-PGPUB;<br>USPAT  | AND              | ON      | 2009/10/28<br>09:55 |

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or US-7156825-\$ or US-  
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6182998-\$ or US-  
6187017-\$ or US-  
6237153-\$ or US-  
6245440-\$ or US-

|                          |  |  |  |  |
|--------------------------|--|--|--|--|
| 6251132-\$ or US-        |  |  |  |  |
| 6267390-\$ or US-        |  |  |  |  |
| 6274013-\$).did. or (US- |  |  |  |  |
| 6281431-\$ or US-        |  |  |  |  |
| 6291773-\$ or US-        |  |  |  |  |
| 6328498-\$ or US-        |  |  |  |  |
| 6360430-\$ or US-        |  |  |  |  |
| 6361559-\$ or US-        |  |  |  |  |
| 6371904-\$ or US-        |  |  |  |  |
| 6394623-\$ or US-        |  |  |  |  |
| 6394949-\$ or US-        |  |  |  |  |
| 6416074-\$ or US-        |  |  |  |  |
| 6417122-\$ or US-        |  |  |  |  |
| 6419643-\$ or US-        |  |  |  |  |
| 6420285-\$ or US-        |  |  |  |  |
| 6423952-\$ or US-        |  |  |  |  |
| 6454462-\$ or US-        |  |  |  |  |
| 6454758-\$ or US-        |  |  |  |  |
| 6459015-\$ or US-        |  |  |  |  |
| 6517537-\$ or US-        |  |  |  |  |
| 6522804-\$ or US-        |  |  |  |  |
| 6522814-\$ or US-        |  |  |  |  |
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| 6562021-\$ or US-        |  |  |  |  |
| 6562049-\$ or US-        |  |  |  |  |
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| 6579345-\$ or US-        |  |  |  |  |
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| 6612870-\$ or US-        |  |  |  |  |
| 6616638-\$ or US-        |  |  |  |  |
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| 6722542-\$ or US-        |  |  |  |  |
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| 6845789-\$ or US-        |  |  |  |  |
| 6850789-\$ or US-        |  |  |  |  |
| 6861143-\$ or US-        |  |  |  |  |
| 6872233-\$ or US-        |  |  |  |  |
| 6893442-\$).did.         |  |  |  |  |

|     |     |   |                           |     |    |                     |
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| L27 | 335 | ("20010056263"  <br>"20060036217"  <br>"2023289"   "2801741"<br>  "2851157"  <br>"2876770"   "3046985"<br>  "3076455"  <br>"3306290"   "4068661"<br>  "4285105"  <br>"4361149"   "4425120"<br>  "4573976"  <br>"4585445"   "4598820"<br>  "4631057"  <br>"4655751"   "4664653"<br>  "4695274"  <br>"4723943"   "4723945"<br>  "4737144"  <br>"4738663"   "4743233"<br>  "4747835"  <br>"4747837"   "4758231"<br>  "4767413"  <br>"4801295"   "4804372"<br>  "4820275"  <br>"4826491"   "4840185"<br>  "4846809"  <br>"4850968"   "4850994"<br>  "4863434"  <br>"4871355"   "4874382"<br>  "4892521"  <br>"4894055"   "4897083"<br>  "4900310"  <br>"4908023"   "4911693"<br>  "4917673"  <br>"4923445"   "4923446"<br>  "4923447"  <br>"4927018"   "4927416"<br>  "4932937"  <br>"4932947"   "4935016"<br>  "4947863"  <br>"4955868"   "4957490"<br>  "4985021"  <br>"4994045"   "4998920"<br>  "4998924"  <br>"5011479"   "5019051"<br>  "5024616"  <br>"5024660"   "5026353"<br>  "5045066"  <br>"5053018"   "5057086"<br>  "5057087"  <br>"5059184"   "5059185"<br>  "5066277"  <br>"5067945"   "5078698"<br>  "5084030"  <br>"5088986"   "5106379"<br>  "5108378" | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/10/28<br>09:55 |
|-----|-----|---|---------------------------|-----|----|---------------------|

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| "5141500" |  
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"5176656" | "5188614"  
| "5197953" |  
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| "5242416" |  
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| "5259841" |  
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| "5279581" |  
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| "5304147" |  
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| "5312365" |  
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| "5338303" |  
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| "5348544" |  
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| "5413563" |  
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| "5458577" |  
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| "5573513" |  
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| "5611782" |  
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| "5647849" |  
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"5713871" | "5733264"  
| "5735823" |  
"5769822" | "5769827"  
| "5776107" |  
"5788677" | "5792107"



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|     |    | "5792122"  <br>"5795336"   "5797885"<br>  "5800395"  <br>"5800403"   "5800404"<br>  "5810775"  <br>"5817064"   "5843034"<br>  "5843036"  <br>"5843041"   "5843047"<br>  "5853390"  <br>"5855839"   "5868713"<br>  "5879339"  <br>"5882342"   "5910130"<br>  "5947936"  <br>"5980494"   "5984898"<br>  "5984899"  <br>"5984906"   "6004296"<br>  "6010487"  <br>"6017329"   "6030366"<br>  "6033387"  <br>"6159184"   "6171283"<br>  "6186980"  <br>"6189980"   "6193696"<br>  "6319233"  <br>"6319234"   "6544234"<br>  "6613022"  <br>"6623459"   "6918889"<br>  "7101355"  <br>"RE34045"   "RE37439"<br>  "Re34045").PN. OR<br>("2002/0156426"  <br>"2002/0193746"  <br>"5201708"   "5242420"<br>  "5318547"  <br>"5562624"   "6319233"<br>  "6319234"  <br>"6613022"   "6616639"<br>  "6679864"  <br>"6719730"   "6918889"<br>  "7229432"  <br>"7429256").URPN. |                                |     |    |                     |
| L28 | 16 | (US-20020156426-\$ or<br>US-20020193746-\$).<br>did. or (US-6613022-\$<br>or US-7429256-\$ or US-<br>5562624-\$ or US-<br>5242420-\$ or US-<br>5201708-\$ or US-<br>6319234-\$ or US-<br>6319233-\$ or US-<br>6719730-\$ or US-<br>6679864-\$ or US-<br>6616639-\$ or US-<br>5318547-\$ or US-<br>6918889-\$ or US-  | US-PGPUB;<br>USPAT;<br>DERWENT | AND | ON | 2009/10/28<br>09:56 |

|     |      |   |   |     |    |                     |
|-----|------|---|---|-----|----|---------------------|
|     |      | 7229432-\$).did. or (EP-966983-\$).did.   |   |     |    |                     |
| L29 | 459  | safety needle retract\$4<br>syringe barrel wall ring<br>support   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/10/28<br>10:40 |
| L31 | 1850 | injection syringe sheath<br>ring retain\$4 wall coupl<br>\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/10/28<br>10:40 |
| L33 | 1416 | injection syringe sheath<br>ring retain\$4 wall coupl<br>\$4 slid\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/10/28<br>10:41 |
| L34 | 326  | injection syringe sheath<br>ring retain\$4 wall coupl<br>\$4 slid\$4 tab  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/10/28<br>10:41 |
| S1  | 4    | ("20020156426"  <br>"6613022").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/02/12<br>06:19 |
| S2  | 36   | ("3306290"   "4767413"<br>  "4820275"  <br>"4923447"   "4927416"<br>  "4932947"  <br>"4955868"   "5059184"<br>  "5088986"  <br>"5176656"   "5201708"<br>  "5201720"  <br>"5242420"   "5273541"<br>  "5433712"  <br>"5492536"   "5562624"<br>  "5562626"  <br>"5573513"   "5695475"<br>  "6159184"  <br>"6171283"   "6186980"<br>  "6319234"  <br>"RE37439").PN. OR<br>("2002/0156426"  <br>"6613022").URPN. | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/02/12<br>06:27 |

|    |     |  |                           |     |    |                     |
|----|-----|--|---------------------------|-----|----|---------------------|
| S3 | 8   | ((STEPHANE) near2<br>(CHEVALLIER)).INV.  | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/02/12<br>06:31 |
| S4 | 5   | ((STEPHANE) near2<br>(CHEVALLIER)).INV.  | EPO; JPO;<br>DERWENT      | AND | ON | 2009/02/12<br>06:31 |
| S5 | 37  | ("20060036217"  <br>"3306290"   "4767413"<br>  "4820275"  <br>"4923447"   "4927416"<br>  "4932947"  <br>"4955868"   "5059184"<br>  "5088986"  <br>"5163918"   "5176656"<br>  "5201708"  <br>"5201720"   "5242416"<br>  "5242420"  <br>"5273541"   "5433712"<br>  "5492536"  <br>"5562624"   "5562626"<br>  "5573513"  <br>"5591138"   "5624400"<br>  "5695475"  <br>"6030366"   "6159184"<br>  "6171283"  <br>"6186980"   "6189980"<br>  "6319233"  <br>"6319234"   "6613022"<br>  "6623459"  <br>"7101355"   "RE37439").<br>PN. | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/02/12<br>06:33 |
| S6 | 160 | ("2801741"   "4285105"<br>  "4425120"  <br>"4573976"   "4585445"<br>  "4631057"  <br>"4723943"   "4737144"<br>  "4743233"  <br>"4747837"   "4758231"<br>  "4801295"  <br>"4826491"   "4840185"<br>  "4850994"  <br>"4863434"   "4871355"<br>  "4900310"  <br>"4917673"   "4923445"<br>  "4923447"  <br>"4927018"   "4932937"<br>  "4947863"  <br>"4985021"   "4994045"<br>  "4998920"  <br>"4998924"   "5019051"<br>  "5024660"  <br>"5045066"   "5053018"<br>  "5057086"  <br>"5057087"   "5059185"<br>  "5066277"              | US-PGPUB;<br>USPAT; USOCR | AND | ON | 2009/02/12<br>06:38 |

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| "5067945" | "5078698" |
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| "5163918" |           |
| "5169392" | "5188614" |
| "5197953" |           |
| "5201708" | "5201720" |
| "5217437" |           |
| "5226894" | "5242420" |
| "5256154" |           |
| "5279581" | "5300030" |
| "5300040" |           |
| "5304147" | "5308332" |
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| "5713871" |           |
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| "5795336" |           |
| "5797885" | "5800395" |
| "5800403" |           |
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| "5817064" |           |
| "5843034" | "5843036" |

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|-----|------|--|---|-----|-----|---------------------|
|     |      | "5843041"  <br>"5843047"   "5853390"<br>  "5855839"  <br>"5868713"   "5879339").<br>PN. OR ("5882342"  <br>"5910130"   "5947936"<br>  "5980494"  <br>"5984898"   "5984899"<br>  "5984906"  <br>"6004296"   "6010487"<br>  "6017329"  <br>"6030366"   "6033387"<br>  "Re34045").PN. OR<br>("6319233").URPN. |   |     |     |                     |
| S7  | 1838 | (604/110).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>06:42 |
| S8  | 202  | (604/111).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>06:59 |
| S9  | 1497 | (604/192).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>07:02 |
| S10 | 1363 | (604/198).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>07:11 |
| S11 | 9    | ("3046985"   "4747835"<br>  "4767413"  <br>"4863434"   "5188614").<br>PN. OR ("6918889").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR   | AND | ON  | 2009/02/12<br>07:15 |
| S12 | 129  | (604/193).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>07:30 |

|     |     |  |   |     |     |                     |
|-----|-----|--|---|-----|-----|---------------------|
| S13 | 93  | (604/194).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>07:30 |
| S14 | 553 | (604/195).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>08:28 |
| S15 | 78  | (604/196).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>08:28 |
| S16 | 309 | (604/197).OCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2009/02/12<br>08:28 |
| S17 | 300 | (US-20050148943-\$ or<br>US-20070088287-\$ or<br>US-20080294120-\$ or<br>US-20010021827-\$ or<br>US-20020183697-\$ or<br>US-20030028150-\$ or<br>US-20040044318-\$ or<br>US-20040116855-\$ or<br>US-20050049560-\$ or<br>US-20050059936-\$ or<br>US-20050065481-\$ or<br>US-20050065482-\$ or<br>US-20050146081-\$ or<br>US-20050148941-\$ or<br>US-20060167408-\$ or<br>US-20070123798-\$ or<br>US-20070156088-\$ or<br>US-20070179441-\$ or<br>US-20070208311-\$ or<br>US-20070219504-\$ or<br>US-20080105267-\$ or<br>US-20080250876-\$ or<br>US-20020193746-\$ or<br>US-20080312603-\$ or<br>US-20090012471-\$ or<br>US-20020002384-\$).<br>did. or (US-<br>20020026213-\$ or US-<br>20030009189-\$ or US- | US-PGPUB;<br>USPAT  | AND | ON  | 2009/02/12<br>08:28 |

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20030170418-\$ or US-  
20030171771-\$ or US-  
20030208228-\$ or US-  
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20040039411-\$ or US-  
20040073198-\$ or US-  
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20070185526-\$ or US-  
20070233181-\$ or US-  
20070239200-\$ or US-  
20070244505-\$).did. or  
(US-20080156678-\$ or  
US-20080188884-\$).  
did. or (US-4826490-\$  
or US-5536257-\$ or US-  
5549572-\$ or US-  
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RE36447-\$ or US-  
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4610667-\$ or US-  
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4804372-\$ or US-  
4810248-\$ or US-  
4826488-\$).did. or (US-  
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4877132-\$ or US-  
4887998-\$ or US-  
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4921489-\$ or US-  
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RE37110-\$ or US-



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5554130-\$ or US-  
5593391-\$ or US-  
5984890-\$ or US-  
4332250-\$ or US-

|                          |  |  |  |  |
|--------------------------|--|--|--|--|
| 4560376-\$ or US-        |  |  |  |  |
| 4610683-\$ or US-        |  |  |  |  |
| 4795431-\$ or US-        |  |  |  |  |
| 4865587-\$ or US-        |  |  |  |  |
| 4955865-\$ or US-        |  |  |  |  |
| 4986816-\$ or US-        |  |  |  |  |
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| 5741236-\$ or US-        |  |  |  |  |
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| 6063068-\$ or US-        |  |  |  |  |
| 6090091-\$ or US-        |  |  |  |  |
| 6102893-\$ or US-        |  |  |  |  |
| 6206858-\$ or US-        |  |  |  |  |
| 3680559-\$).did. or (US- |  |  |  |  |
| 3677247-\$ or US-        |  |  |  |  |
| 3880162-\$ or US-        |  |  |  |  |
| 3856009-\$ or US-        |  |  |  |  |
| 3834387-\$ or US-        |  |  |  |  |
| 3828779-\$ or US-        |  |  |  |  |
| 3788524-\$ or US-        |  |  |  |  |
| 3783998-\$ or US-        |  |  |  |  |
| 3783997-\$ or US-        |  |  |  |  |
| 3782381-\$ or US-        |  |  |  |  |
| 4014342-\$ or US-        |  |  |  |  |
| 4040421-\$ or US-        |  |  |  |  |
| 4044766-\$ or US-        |  |  |  |  |
| 4056920-\$ or US-        |  |  |  |  |
| 4070756-\$ or US-        |  |  |  |  |
| 4244378-\$ or US-        |  |  |  |  |
| 4261361-\$ or US-        |  |  |  |  |
| 4275628-\$ or US-        |  |  |  |  |
| 4287988-\$ or US-        |  |  |  |  |
| 4317446-\$ or US-        |  |  |  |  |
| 4323525-\$ or US-        |  |  |  |  |
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| 4329990-\$ or US-        |  |  |  |  |
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| 4383615-\$ or US-        |  |  |  |  |
| 4396022-\$ or US-        |  |  |  |  |
| 4401432-\$).did. or (US- |  |  |  |  |
| 4409990-\$ or US-        |  |  |  |  |
| 4410020-\$ or US-        |  |  |  |  |
| 4417887-\$).did.         |  |  |  |  |

|     |     |   |   |     |    |                     |
|-----|-----|---|---|-----|----|---------------------|
| S18 | 670 | safety syringe piston sheath needle             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/02/12<br>08:32 |
| S19 | 440 | "604".clas. safety syringe piston sheath needle | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/02/12<br>08:32 |

**EAST Search History (I nterference)**

| Ref # | Hits | Search Query  | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------|------------------|---------|------------------|
| L11   | 9    | (604/192).CCLS.   | UPAD        | OR               | OFF     | 2009/10/28 09:55 |
| L12   | 10   | (604/198).CCLS.   | UPAD        | OR               | OFF     | 2009/10/28 09:55 |
| L30   | 233  | safety needle retract \$4 syringe barrel wall ring support        | USPAT; UPAD | AND              | ON      | 2009/10/28 10:40 |
| L32   | 762  | injection syringe sheath ring retain\$4 wall coupl\$4             | USPAT; UPAD | AND              | ON      | 2009/10/28 10:40 |
| L35   | 146  | injection syringe sheath ring retain\$4 wall coupl\$4 slid\$4 tab | USPAT; UPAD | AND              | ON      | 2009/10/28 10:41 |

**10/ 28/ 2009 11:39:37 AM****C:\ Documents and Settings\ ckoharski\ My Documents\ EAST\ Workspaces\ 10-577380.wsp**